

REMARKS**AMENDMENTS TO THE CLAIMS:**

Claims 1 to 20 were cancelled.

New Claims 21 to 55 were added.

Claims 21 to 55 are pending.

Support for the newly added Claims 21 to 55 may be found in the specification as originally filed. Specifically, support for new Claims 21 thru 25, 39 to 40, and 43 may be found in original Claims 1, 5, 14, and 18, Figures 1A-C, pages 8 to 10, Table I, and of the specification, and throughout the application as original filed. No new matter has been added.

Support for new Claims 26 thru 28 may be found in original Claims 3 to 4, 8 to 10, and 16 to 17, pages 3, 9 to 12, 129 to 143, and throughout the application as original filed. No new matter has been added.

Support for new Claims 29 to 31 may be found on pages 75, 78 to 79, 99, 129, 139 to 141, and Example 19 of the specification, and throughout the application as original filed. No new matter has been added.

Support for new Claims 32 and 33 may be found in original Claims 1, on pages 55 to 60 of the specification, and throughout the application as original filed. No new matter has been added.

Support for new Claims 34 and 35 may be found on pages 67 to 68, and 71 of the specification, and throughout the application as original filed. No new matter has been added.

Support for new Claims 36 to 38, and Claims 48 to 50 may be found in original Claim 1, on page 3, Table I, Figures 5A, B, and C, of the specification, SEQ ID NO:9, 10, and 11 of the Sequence Listing as originally submitted, and throughout the application as original filed. No new matter has been added.

Support for new Claims 41 and 42 may be found in Figure 2 of the specification, and SEQ ID NO:3 and 4 of the Sequence Listing as originally submitted, and throughout the application as original filed. No new matter has been added.

Support for new Claims 44 to 47 may be found in original Claim 1, on pages 9 to 11, 14, and 27 to 28, Figures 7A-B of the specification, SEQ ID NO:27 of the Sequence Listing as originally submitted, and throughout the application as original filed. No new matter has been added.

Support for new Claims 51 to 52 may be found in Figures 6A-D of the specification, and SEQ ID NOS:12 and 13 of the Sequence Listing as originally submitted, and throughout the application as original filed. No new matter has been added.

Support for new Claims 53 to 54 may be found on pages 35 to 41, and Example 18 of the specification, and throughout the application as original filed. No new matter has been added.

Support for new Claim 55 may be found in original Claim 1, on page 19 of the specification, and throughout the application as original filed. No new matter has been added.

If any fee is due in connection herewith not already accounted for, please charge such fee to Deposit Account No. 19-3880 of the undersigned. Furthermore, if any extension of time not already accounted for is required, such extension is hereby petitioned for, and it is requested that any fee due for said extension be charged to the above-stated Deposit Account.

Respectfully submitted,

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